

Exercise 1: Control Structures

Scenario 3: The bank wants to send reminders to customers whose loans are due within the next 30 days.

Question: Write a PL/SQL block that fetches all loans due in the next 30 days and prints a reminder message for each customer.

QUERY & OUTPUT:

```
SQL> BEGIN
 2  FOR loan_rec IN (
 3      SELECT l.LoanID, l.CustomerID, c.Name, l.DueDate
 4      FROM loans l
 5      JOIN customers c ON l.CustomerID = c.CustomerID
 6      WHERE l.DueDate BETWEEN SYSDATE AND SYSDATE + 30
 7  ) LOOP
 8      DBMS_OUTPUT.PUT_LINE('Reminder: Dear ' || loan_rec.Name ||
 9                          ', your loan (ID: ' || loan_rec.LoanID ||
10                          ') is due on ' || TO_CHAR(loan_rec.DueDate, ' DD-MM-YYYY'));
11  END LOOP;
12  END;
13  /

Reminder: Dear Rahul, your loan (ID: 101) is due on 13-07-2025
Reminder: Dear Raghav, your loan (ID: 103) is due on 08-07-2025
Reminder: Dear Vamshi, your loan (ID: 104) is due on 03-07-2025

PL/SQL procedure successfully completed.
```